Control Number: 51415

Item Number: 185

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SOAH DOCKET NO. 423-21-0538
PUC DOCKET NO. 51415

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APPLICATION OF SOUTHWESTERN ELECTRIC POWER COMPANY FOR AUTHORITY TO CHANGE RATES	§ § § §	BEFORE THE STATE OFFICE OF ADMINISTRATIVE HEARINGS

SOUTHWESTERN ELECTRIC POWER COMPANY'S SUPPLEMENTAL RESPONSE TO CITIES ADVOCATING REASONABLE DEREGULATION'S FIRST REQUEST FOR INFORMATION

FEBRUARY 11, 2021

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SOUTHWESTERN ELECTRIC POWER COMPANY'S SUPPLEMENTAL RESPONSE TO CITIES ADVOCATING REASONABLE DEREGULATION'S FIRST SET OF REQUESTS FOR INFORMATION

Question No. CARD 1-15:

Provide non-fuel production O&M expenses for each SWEPCO power plant by FERC account for each of the last four calendar years, the test year, and as requested in rates in this case.

Response No. CARD 1-15:

Please CARD 1-15 Attachment 1 for the production O&M expenses for each SWEPCO power plant as reported in the FERC Form 1 for the last four calendar years. The following table provides line references to applicable FERC Accounts.

Line No.	FERC Account
19	500, 546
20	501, 547
21	N/A
22	502
23	503
24	504
25	505, 548
26	506, 549
27	507
28	509
29	510, 551
30	511, 552
31	512
32	513, 553
33	514, 554

Please see Schedule H-1.2 for the test year O&M expenses for each SWEPCO power plant by FERC account.

The Company has not developed the requested amount by power plant as most adjustments were not calculated on a power plant basis. SWEPCO will note that its overall adjustments reduce non-

fuel production O&M by almost $2.5 million including payroll related adjustments, AEPSC adjustments and retired plant O&M reductions which make up the largest adjustments to these accounts. The retired plant adjustment specifically reduced non-fuel O&M by almost $600 thousand for plant retirements at Knox Lee ($30,193), Lone Star ($486,326) and Lieberman ($81,690).

Supplemental Response No. CARD 1-15:

See CARD 1-15 Attachment 1 inadvertently omitted from the initial response.

Prepared By: Randall W. Hamlett	Title: Dir Regulatory Acctg Svcs
Sponsored By: Michael A. Baird	Title: Mng Dir Acctng Policy & Rsrch

Name of Respondent	This Report Is:	Date of Report (Mo, Da, Yr)	Year/Period of Report
Southwestern Electric Power Company	(1) ☐ An Original (2) ☒ A Resubmission	04/23/2020	End of 2019/Q4

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)

1. Report data for plant in Service only. 2. Large plants are steam plants with installed capacity (name plate rating) of 25,000 Kw or more. Report in this page gas-turbine and internal combustion plants of 10,000 Kw or more, and nuclear plants. 3. Indicate by a footnote any plant leased or operated as a joint facility. 4. If net peak demand for 60 minutes is not available, give data which is available, specifying period. 5. If any employees attend more than one plant, report on line 11 the approximate average number of employees assignable to each plant. 6 If gas is used and purchased on a therm basis report the Btu content or the gas and the quantity of fuel burned converted to Mct. 7. Quantities of fuel burned (Line 38) and average cost per unit of fuel burned (Line 41) must be consistent with charges to expense accounts 501 and 547 (Line 42) as show on Line 20. 8. If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned

Line No.	Item (a)	Plant Name: *Arsenal Hill* (b)			Plant Name: *Lieberman* (c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam			Steam		
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler			Outdoor Boiler		
3	Year Originally Constructed	1960			1947		
4	Year Last Unit was Installed	2010			1959		
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	738 00			277 27		
6	Net Peak Demand on Plant - MW (60 minutes)	692			212		
7	Plant Hours Connected to Load	5576			1096		
8	Net Continuous Plant Capability (Megawatts)	621			242		
9	When Not Limited by Condenser Water	0			0		
10	When Limited by Condenser Water	621			242		
11	Average Number of Employees	27			26		
12	Net Generation, Exclusive of Plant Use - KWh	2590760832			77861981		
13	Cost of Plant Land and Land Rights	370798			24026		
14	Structures and Improvements	60573445			5407424		
15	Equipment Costs	398508567			37539426		
16	Asset Retirement Costs	507714			1263344		
17	Total Cost	459960524			44234220		
18	Cost per KW of Installed Capacity (line 17/5) Including	623.2527			159.5348		
19	Production Expenses: Oper, Supv, & Engr	2978010			365722		
20	Fuel	54249498			2244407		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	464080			273558		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	2772032			584976		
26	Misc Steam (or Nuclear) Power Expenses	766491			1936226		
27	Rents	3173			95		
28	Allowances	22181			520		
29	Maintenance Supervision and Engineering	408502			171976		
30	Maintenance of Structures	562604			287646		
31	Maintenance of Boiler (or reactor) Plant	4491932			1212325		
32	Maintenance of Electric Plant	1796905			106852		
33	Maintenance of Misc Steam (or Nuclear) Plant	793700			36445		
34	Total Production Expenses	69309108			7220748		
35	Expenses per Net KWh	0 0268			0 0927		
36	Fuel. Kind (Coal, Gas, Oil, or Nuclear)	GAS			GAS	OIL	COMPOSIT
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	MCF			MCF	BBLS	
38	Quantity (Units) of Fuel Burned	18466094	0	0	914545	0	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	1038	0	0	1024	0	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	2.930	0.000	0.000	2.450	0.000	0.000
41	Average Cost of Fuel per Unit Burned	2.930	0.000	0.000	2.450	0.000	0 000
42	Average Cost of Fuel Burned per Million BTU	2 870	0.000	0.000	2.390	0.000	0 000
43	Average Cost of Fuel Burned per KWh Net Gen	0.020	0.000	0.000	0.030	0.000	0.000
44	Average BTU per KWh Net Generation	7287.000	0.000	0.000	12027 000	0.000	12027 000

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) *(Continued)*

9. Items under Cost of Plant are based on U S. of A. Accounts Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses. 10. For IC and GT plants, report Operating Expenses, Account Nos. 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos 553 and 554 on Line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost, and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant.

Plant Name: *Knox Lee* (d)			Plant Name: *Lone Star* (e)			Plant Name *Wilkes* (f)			Line No.
Steam			Steam			Steam			1
Outdoor Boiler			Outdoor Boiler			Outdoor Boiler			2
1950			1954			1964			3
1974			1954			1971			4
420.50			50.00			881 52			5
336			34			854			6
1127			712			7008			7
390			50			872			8
0			0			0			9
390			50			872			10
30			0			33			11
107853446			11736375			630905652			12
102781			58487			443729			13
9069087			934757			8345659			14
57530455			7822194			111246247			15
1802947			123592			4897017			16
68505270			8939030			124932652			17
162 9138			178.7806			141.7241			18
1057546			56819			1098423			19
3530394			430440			22133247			20
0			0			0			21
429379			112051			1142745			22
0			0			0			23
0			0			0			24
24799			55768			1016308			25
440769			24277			651020			26
132			14			773			27
461			52			2385			28
161899			74456			300414			29
366537			4155			409542			30
2978405			121923			1913813			31
513188			10235			775780			32
102026			10670			164468			33
9605535			900860			29608918			34
0.0891			0.0768			0 0469			35
GAS	OIL	COMPOSITE	GAS			GAS	OIL	COMPOSITE	36
MCF	BBLS		MCF			MCF	BBLS		37
1312878	0	0	168885	0	0	7325885	0	0	38
1021	0	0	1037	0	0	1027	0	0	39
2.680	0.000	0.000	2.540	0.000	0.000	3.010	0.000	0.000	40
2 680	0.000	0 000	2.540	0.000	0 000	3.010	0 000	0.000	41
2.630	0.000	0 000	2.450	0 000	0.000	2.930	0.000	0.000	42
0 030	0.000	0.000	0.040	0.000	0 000	0.030	0.000	0.000	43
12432.000	0.000	12432 000	14918.000	0.000	0.000	11921.000	0 000	11921 000	44

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) *(Continued)*

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Line No	Item (a)	Plant Name *Welsh* (b)			Plant Name: **Flint Creek (1)* (c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam			Steam		
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler			Outdoor Boiler		
3	Year Originally Constructed	1977			1978		
4	Year Last Unit was Installed	1982			1978		
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	1114.00			279 00		
6	Net Peak Demand on Plant - MW (60 minutes)	1312			260		
7	Plant Hours Connected to Load	7415			6913		
8	Net Continuous Plant Capability (Megawatts)	1053			258		
9	When Not Limited by Condenser Water	0			0		
10	When Limited by Condenser Water	1053			258		
11	Average Number of Employees	126			90		
12	Net Generation, Exclusive of Plant Use - KWh	4544875950			1172896008		
13	Cost of Plant. Land and Land Rights	1895474			3364925		
14	Structures and Improvements	72936300			27330924		
15	Equipment Costs	807133142			332263623		
16	Asset Retirement Costs	32909366			11359147		
17	Total Cost	914874282			374318619		
18	Cost per KW of Installed Capacity (line 17/5) Including	821.2516			1341.6438		
19	Production Expenses: Oper, Supv, & Engr	5194767			2103461		
20	Fuel	112784907			24002772		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	4730219			855678		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	3284210			1220178		
26	Misc Steam (or Nuclear) Power Expenses	4721040			986556		
27	Rents	5567			1437		
28	Allowances	51842			40643		
29	Maintenance Supervision and Engineering	526763			598139		
30	Maintenance of Structures	358688			745615		
31	Maintenance of Boiler (or reactor) Plant	8248062			2398926		
32	Maintenance of Electric Plant	1980633			301839		
33	Maintenance of Misc Steam (or Nuclear) Plant	660748			969692		
34	Total Production Expenses	142547446			34224936		
35	Expenses per Net KWh	0.0314			0 0292		
36	Fuel Kind (Coal, Gas, Oil, or Nuclear)	COAL	OIL	COMPOSIT	COAL	OIL	COMPOSIT
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	TONS	BBLS		TONS	BBLS	
38	Quantity (Units) of Fuel Burned	2933509	16914	0	697278	4898	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	8760	140000	0	9086	140002	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	37.680	73.070	0.000	30.800	73.270	0.000
41	Average Cost of Fuel per Unit Burned	37 990	76 940	0.000	31.990	93.430	0.000
42	Average Cost of Fuel Burned per Million BTU	2.170	13 080	0.000	1 760	15 890	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.020	0.150	0.000	0.020	0.180	0.000
44	Average BTU per KWh Net Generation	11331.000	11367.000	11331.000	10827 000	11115.000	10827.000

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) *(Continued)*

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Plant Name: *Pirkey (2)* (d)			Plant Name: *Dolet Hills (3)* (e)			Plant Name: *Harry D Mattison* (f)			Line No.
Steam			Steam			Gas Turbine			1
Outdoor Boiler			Outdoor Boiler			No Boiler			2
1985			1986			2007			3
1985			1986			2007			4
619 38			289 99			340.00			5
587			257			370			6
5648			3328			590			7
580			257			284			8
0			0			0			9
580			257			284			10
106			0			5			11
2631977253			463288200			156952513			12
5843029			1510615			1451852			13
109344557			56409944			30793285			14
468316375			278163572			93836882			15
24339716			1230657			0			16
607843677			337314788			126082019			17
981.3744			1163.1946			370.8295			18
4362988			726533			128741			19
113500361			55286376			10825635			20
0			0			0			21
6508772			1574751			0			22
0			0			0			23
0			0			0			24
924580			494963			246441			25
1688507			3184832			-483			26
3224			567			0			27
286174			13102			292			28
1677045			412601			44084			29
944220			204644			0			30
8262934			3024485			25911			31
1631677			121563			936292			32
1630697			894678			0			33
141421179			65939095			12206913			34
0.0537			0.1423			0 0778			35
LIGNITE	GAS	COMPOSITE	LIGNITE	GAS	COMPOSITE	GAS			36
TONS	MCF		TONS	MCF		MCF			37
2259419	70651	0	430281	63546	0	2255930	0	0	38
6249	1543	0	6794	1060	0	1037	0	0	39
48.720	1.540	0.000	102.060	3.520	0.000	4.790	0.000	0.000	40
12.500	1.540	0.000	126.860	3.520	0.000	4.790	0.000	0.000	41
1 000	1.000	0.000	9.340	3.320	0.000	4 620	0 000	0.000	42
0 010	0.010	0.000	0.120	0.060	0.000	0.070	0.000	0.000	43
10768.000	11201.000	10770 000	12719.000	18779.000	12765 000	14909 000	0 000	0.000	44

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Line No	Item (a)	Plant Name: *Turk (4)* (b)	Plant Name (c)
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam	
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler	
3	Year Originally Constructed	2012	
4	Year Last Unit was Installed	2012	
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	523.60	0.00
6	Net Peak Demand on Plant - MW (60 minutes)	801	0
7	Plant Hours Connected to Load	8192	0
8	Net Continuous Plant Capability (Megawatts)	477	0
9	When Not Limited by Condenser Water	0	0
10	When Limited by Condenser Water	477	0
11	Average Number of Employees	114	0
12	Net Generation, Exclusive of Plant Use - KWh	2963040000	0
13	Cost of Plant. Land and Land Rights	13355616	0
14	Structures and Improvements	287492518	0
15	Equipment Costs	1366978913	0
16	Asset Retirement Costs	3669588	0
17	Total Cost	1671496635	0
18	Cost per KW of Installed Capacity (line 17/5) Including	3192.3160	0
19	Production Expenses: Oper, Supv, & Engr	4495209	0
20	Fuel	62258887	0
21	Coolants and Water (Nuclear Plants Only)	0	0
22	Steam Expenses	3874413	0
23	Steam From Other Sources	0	0
24	Steam Transferred (Cr)	0	0
25	Electric Expenses	620125	0
26	Misc Steam (or Nuclear) Power Expenses	1362895	0
27	Rents	3629	0
28	Allowances	68106	0
29	Maintenance Supervision and Engineering	1539765	0
30	Maintenance of Structures	1934609	0
31	Maintenance of Boiler (or reactor) Plant	4458888	0
32	Maintenance of Electric Plant	687552	0
33	Maintenance of Misc Steam (or Nuclear) Plant	1433799	0
34	Total Production Expenses	82737877	0
35	Expenses per Net KWh	0.0279	0.0000
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	COAL / GAS / COMPOSIT	
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	TONS / MCF	
38	Quantity (Units) of Fuel Burned	1545856 / 23933 / 0	0 / 0 / 0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	8705 / 1041 / 0	0 / 0 / 0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	37.790 / 3.270 / 0.000	0.000 / 0.000 / 0.000
41	Average Cost of Fuel per Unit Burned	37 130 / 3.270 / 0.000	0.000 / 0.000 / 0 000
42	Average Cost of Fuel Burned per Million BTU	2 130 / 3.140 / 0.000	0.000 / 0.000 / 0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.020 / 0.030 / 0.000	0.000 / 0.000 / 0.000
44	Average BTU per KWh Net Generation	9091 000 / 9145 000 / 9091.000	0.000 / 0.000 / 0 000

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Line No.	Item (a)	Plant Name: *Arsenal Hill* (b)			Plant Name. *Lieberman* (c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam			Steam		
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler			Outdoor Boiler		
3	Year Originally Constructed	1960			1947		
4	Year Last Unit was Installed	2010			1959		
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	738.00			277 27		
6	Net Peak Demand on Plant - MW (60 minutes)	684			192		
7	Plant Hours Connected to Load	6254			781		
8	Net Continuous Plant Capability (Megawatts)	621			242		
9	When Not Limited by Condenser Water	0			0		
10	When Limited by Condenser Water	621			242		
11	Average Number of Employees	26			26		
12	Net Generation, Exclusive of Plant Use - KWh	2702635000			66732000		
13	Cost of Plant· Land and Land Rights	370798			24026		
14	Structures and Improvements	59793814			4232863		
15	Equipment Costs	403832627			35722735		
16	Asset Retirement Costs	507714			1263344		
17	Total Cost	464504953			41242968		
18	Cost per KW of Installed Capacity (line 17/5) Including	629.4105			148.7466		
19	Production Expenses: Oper, Supv, & Engr	2300237			309962		
20	Fuel	66938492			2775225		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	333378			226430		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	2334396			519745		
26	Misc Steam (or Nuclear) Power Expenses	1071800			1761284		
27	Rents	3468			86		
28	Allowances	19119			1568		
29	Maintenance Supervision and Engineering	595154			240877		
30	Maintenance of Structures	665688			189565		
31	Maintenance of Boiler (or reactor) Plant	2697742			1027738		
32	Maintenance of Electric Plant	3830909			468469		
33	Maintenance of Misc Steam (or Nuclear) Plant	702710			46719		
34	Total Production Expenses	81493093			7567668		
35	Expenses per Net KWh	0.0302			0.1134		
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	GAS			GAS	OIL	COMPOSIT
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	MCF			MCF	BBLS	
38	Quantity (Units) of Fuel Burned	19355744	0	0	710054	0	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	1019	0	0	1015	0	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	3.450	0.000	0.000	3.900	0.000	0.000
41	Average Cost of Fuel per Unit Burned	3 450	0.000	0.000	3.900	0.000	0.000
42	Average Cost of Fuel Burned per Million BTU	3.390	0.000	0.000	3.840	0.000	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.020	0.000	0.000	0.020	0.000	0.000
44	Average BTU per KWh Net Generation	6781.000	0.000	0.000	20588.000	0.000	20588.000

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Southwestern Electric Power Company	(1) [X] An Original (2) [ ] A Resubmission	/ /	End of 2018/Q4

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) *(Continued)*

1. Report data for plant in Service only. 2. Large plants are steam plants with installed capacity (name plate rating) of 25,000 Kw or more. Report in this page gas-turbine and internal combustion plants of 10,000 Kw or more, and nuclear plants 3. Indicate by a footnote any plant leased or operated as a joint facility. 4 If net peak demand for 60 minutes is not available, give data which is available, specifying period 5. If any employees attend more than one plant, report on line 11 the approximate average number of employees assignable to each plant. 6 If gas is used and purchased on a therm basis report the Btu content or the gas and the quantity of fuel burned converted to Mct. 7. Quantities of fuel burned (Line 38) and average cost per unit of fuel burned (Line 41) must be consistent with charges to expense accounts 501 and 547 (Line 42) as show on Line 20. 8. If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.

Line No.	Item (a)	Plant Name: *Welsh* (b)			Plant Name **Flint Creek (1)* (c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam			Steam		
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler			Outdoor Boiler		
3	Year Originally Constructed	1977			1978		
4	Year Last Unit was Installed	1982			1978		
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	1114.00			279.00		
6	Net Peak Demand on Plant - MW (60 minutes)	1047			264		
7	Plant Hours Connected to Load	7915			6556		
8	Net Continuous Plant Capability (Megawatts)	1053			258		
9	When Not Limited by Condenser Water	0			0		
10	When Limited by Condenser Water	1053			258		
11	Average Number of Employees	126			90		
12	Net Generation, Exclusive of Plant Use - KWh	5456369000			1282866000		
13	Cost of Plant: Land and Land Rights	1895474			3364925		
14	Structures and Improvements	72665396			27281012		
15	Equipment Costs	798738861			334054533		
16	Asset Retirement Costs	33219710			10433608		
17	Total Cost	906519441			375134078		
18	Cost per KW of Installed Capacity (line 17/5) Including	813.7517			1344.5666		
19	Production Expenses: Oper, Supv, & Engr	4586426			1439540		
20	Fuel	129677227			25732651		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	4059488			868977		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	3170417			789855		
26	Misc Steam (or Nuclear) Power Expenses	5577676			1041035		
27	Rents	7002			1646		
28	Allowances	107154			26359		
29	Maintenance Supervision and Engineering	563896			376446		
30	Maintenance of Structures	497740			949750		
31	Maintenance of Boiler (or reactor) Plant	8002595			3350719		
32	Maintenance of Electric Plant	2333076			1241750		
33	Maintenance of Misc Steam (or Nuclear) Plant	828394			1091151		
34	Total Production Expenses	159411091			36909879		
35	Expenses per Net KWh	0 0292			0.0288		
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	COAL	OIL	COMPOSIT	COAL	OIL	COMPOSIT
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	TONS	BBLS		TONS	BBLS	
38	Quantity (Units) of Fuel Burned	3477174	14850	0	781563	5931	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	8608	140000	0	8774	140001	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	36.470	73.070	0.000	30.640	73.270	0.000
41	Average Cost of Fuel per Unit Burned	36 380	84.950	0.000	30.680	87.330	0.000
42	Average Cost of Fuel Burned per Million BTU	2.090	11 200	0.000	1 760	14 990	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.020	0.120	0.000	0.020	0.160	0.000
44	Average BTU per KWh Net Generation	11113.000	11097.000	11112.500	10619.000	10878 000	10620.000

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) *(Continued)*

1. Report data for plant in Service only. 2. Large plants are steam plants with installed capacity (name plate rating) of 25,000 Kw or more. Report in this page gas-turbine and internal combustion plants of 10,000 Kw or more, and nuclear plants. 3. Indicate by a footnote any plant leased or operated as a joint facility. 4 If net peak demand for 60 minutes is not available, give data which is available, specifying period. 5. If any employees attend more than one plant, report on line 11 the approximate average number of employees assignable to each plant. 6 If gas is used and purchased on a therm basis report the Btu content or the gas and the quantity of fuel burned converted to Mct. 7. Quantities of fuel burned (Line 38) and average cost per unit of fuel burned (Line 41) must be consistent with charges to expense accounts 501 and 547 (Line 42) as show on Line 20. 8 If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.

Line No.	Item (a)	Plant Name: *Turk (4)* (b)			Plant Name: (c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam					
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler					
3	Year Originally Constructed	2012					
4	Year Last Unit was Installed	2012					
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	523.60			0.00		
6	Net Peak Demand on Plant - MW (60 minutes)	478			0		
7	Plant Hours Connected to Load	7788			0		
8	Net Continuous Plant Capability (Megawatts)	477			0		
9	When Not Limited by Condenser Water	0			0		
10	When Limited by Condenser Water	477			0		
11	Average Number of Employees	112			0		
12	Net Generation, Exclusive of Plant Use - KWh	3076461000			0		
13	Cost of Plant Land and Land Rights	13355616			0		
14	Structures and Improvements	286121341			0		
15	Equipment Costs	1366280579			0		
16	Asset Retirement Costs	2944501			0		
17	Total Cost	1668702037			0		
18	Cost per KW of Installed Capacity (line 17/5) Including	3186.9787			0		
19	Production Expenses Oper, Supv, & Engr	3546678			0		
20	Fuel	61559275			0		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	4183502			0		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	609471			0		
26	Misc Steam (or Nuclear) Power Expenses	2081881			0		
27	Rents	3948			0		
28	Allowances	27125			0		
29	Maintenance Supervision and Engineering	1679957			0		
30	Maintenance of Structures	1882738			0		
31	Maintenance of Boiler (or reactor) Plant	4916050			0		
32	Maintenance of Electric Plant	1156102			0		
33	Maintenance of Misc Steam (or Nuclear) Plant	1829393			0		
34	Total Production Expenses	83476120			0		
35	Expenses per Net KWh	0.0271			0 0000		
36	Fuel. Kind (Coal, Gas, Oil, or Nuclear)	COAL	GAS	COMPOSIT			
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	TONS	MCF				
38	Quantity (Units) of Fuel Burned	1591510	64730	0	0	0	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	8892	1039	0	0	0	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	36.010	6.490	0.000	0.000	0.000	0.000
41	Average Cost of Fuel per Unit Burned	35 990	6.490	0 000	0 000	0.000	0.000
42	Average Cost of Fuel Burned per Million BTU	2 060	6.220	0.000	0 000	0.000	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.020	0.060	0.000	0.000	0.000	0.000
44	Average BTU per KWh Net Generation	9060.000	9394.000	9061.000	0.000	0.000	0 000

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) *(Continued)*

9 Items under Cost of Plant are based on U S of A. Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses 10 For IC and GT plants, report Operating Expenses, Account Nos 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos 553 and 554 on Line 32, "Maintenance of Electric Plant " Indicate plants designed for peak load service Designate automatically operated plants 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant

Plant Name: *Knox Lee* (d)			Plant Name: *Lone Star* (e)			Plant Name: *Wilkes* (f)			Line No.
Steam			Steam			Steam			1
Outdoor Boiler			Outdoor Boiler			Outdoor Boiler			2
1950			1954			1964			3
1974			1954			1971			4
499 50			50.00			881 52			5
342			50			822			6
1404			356			5774			7
469			50			875			8
0			0			0			9
469			50			875			10
30			0			34			11
142518000			5918000			573563000			12
102781			58487			443729			13
8367353			934757			8276463			14
64706496			7821740			110373717			15
2036608			123592			2122856			16
75213238			8938576			121216765			17
150.5771			178.7715			137 5088			18
710701			17356			826352			19
5988180			343347			24377626			20
0			0			0			21
1543590			121485			1089722			22
0			0			0			23
0			0			0			24
61007			73755			1009336			25
387270			39511			557278			26
183			8			736			27
2706			130			10553			28
287264			3201			403089			29
463384			10751			354747			30
2702707			47643			3052423			31
847145			52031			997717			32
138459			21794			105432			33
13132596			731012			32785011			34
0.0921			0.1235			0 0572			35
GAS	OIL	COMPOSITE	GAS			GAS	OIL	COMPOSITE	36
MCF	BBLS		MCF			MCF	BBLS		37
1679512	0	0	94399	0	0	6653382	0	0	38
1020	0	0	1045	0	0	1034	0	0	39
3.560	0.000	0.000	3.630	0.000	0.000	3.650	0.000	0.000	40
3 560	0.000	0.000	3.630	0.000	0.000	3.650	0 000	0.000	41
3 470	0.000	0 000	3 660	0.000	0.000	3 560	0 000	0.000	42
0.040	0.000	0.000	0 060	0.000	0.000	0.040	0.000	0.000	43
12078 000	0.000	12078.000	15833 000	0.000	0.000	11904 000	0.000	11904.000	44

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) *(Continued)*

9. Items under Cost of Plant are based on U S. of A. Accounts Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses. 10. For IC and GT plants, report Operating Expenses, Account Nos. 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos. 553 and 554 on Line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant

Plant Name: *Pirkey (2)* (d)	Plant Name: *Dolet Hills (3)* (e)	Plant Name: *Harry D Mattison* (f)	Line No.
Steam	Steam	Gas Turbine	1
Outdoor Boiler	Outdoor Boiler	No Boiler	2
1985	1986	2007	3
1985	1986	2007	4
619.38	289.99	340 00	5
587	257	364	6
7385	4573	196	7
580	257	284	8
0	0	0	9
580	257	284	10
108	0	5	11
3940378000	496345000	48955000	12
5843029	1510615	1451852	13
108919470	56366406	34949523	14
455994898	277092157	93810391	15
20547832	1230657	0	16
591305229	336199835	130211766	17
954.6728	1159.3498	382.9758	18
4320351	1127795	173488	19
136094916	50624940	17698883	20
0	0	0	21
8994937	1880850	0	22
0	0	0	23
0	0	0	24
1470482	558724	202730	25
2325199	3625310	0	26
5057	637	0	27
75587	13150	222	28
1479672	569480	8094	29
878135	409715	0	30
8632572	5458631	47721	31
659007	183990	901672	32
1442131	836246	0	33
166378046	65289468	19032810	34
0.0422	0.1315	0.3888	35

LIGNITE	GAS	COMPOSITE	LIGNITE	GAS	COMPOSITE	GAS			36
TONS	MCF		TON	MCF		MCF			37
3291355	71458	0	458213	291490	0	566934	0	0	38
6237	1010	0	6934	1044	0	1045	0	0	39
41.340	3.570	0.000	113.110	3.980	0.000	31.210	0.000	0.000	40
40.290	3.570	0.000	106.680	3.980	0 000	31.210	0.000	0.000	41
3.550	3.500	0 000	7.900	3.820	0 000	29.960	0.000	0.000	42
0.030	0.030	0.000	0.100	0.100	0.000	0.360	0.000	0.000	43
9496.000	8661 000	9495 000	12760.000	27234.000	13086.000	12067.000	0.000	0.000	44

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)

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Line No	Item (a)	Plant Name: *Arsenal Hill* (b)			Plant Name: *Lieberman* (c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam			Steam		
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler			Outdoor Boiler		
3	Year Originally Constructed	1960			1947		
4	Year Last Unit was Installed	2010			1959		
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	738.00			277.27		
6	Net Peak Demand on Plant - MW (60 minutes)	603			166		
7	Plant Hours Connected to Load	6976			470		
8	Net Continuous Plant Capability (Megawatts)	621			242		
9	When Not Limited by Condenser Water	0			0		
10	When Limited by Condenser Water	621			242		
11	Average Number of Employees	26			26		
12	Net Generation, Exclusive of Plant Use - KWh	2910136000			35012000		
13	Cost of Plant: Land and Land Rights	370798			24026		
14	Structures and Improvements	58865883			3829291		
15	Equipment Costs	400736140			35644812		
16	Asset Retirement Costs	507714			1263344		
17	Total Cost	460480535			40761473		
18	Cost per KW of Installed Capacity (line 17/5) Including	623.9574			147.0100		
19	Production Expenses: Oper, Supv, & Engr	2209949			291101		
20	Fuel	70242079			1443651		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	269096			268219		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	1817749			450442		
26	Misc Steam (or Nuclear) Power Expenses	1140285			1723406		
27	Rents	28825			347		
28	Allowances	-878			743		
29	Maintenance Supervision and Engineering	500757			283790		
30	Maintenance of Structures	466221			680481		
31	Maintenance of Boiler (or reactor) Plant	2929045			1340666		
32	Maintenance of Electric Plant	3380645			654258		
33	Maintenance of Misc Steam (or Nuclear) Plant	530071			36293		
34	Total Production Expenses	83513844			7173397		
35	Expenses per Net KWh	0.0287			0.2049		
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	GAS			GAS	OIL	COMPOSIT
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	MCF			MCF	BBLS	
38	Quantity (Units) of Fuel Burned	20724789	0	0	458517	0	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	1027	0	0	1018	0	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	3.380	0.000	0.000	3.140	0.000	0.000
41	Average Cost of Fuel per Unit Burned	3.380	0.000	0.000	3.140	0.000	0.000
42	Average Cost of Fuel Burned per Million BTU	3.290	0.000	0.000	3.090	0.000	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.020	0.000	0.000	0.040	0.000	0.000
44	Average BTU per KWh Net Generation	7315.000	0.000	0.000	13334.000	0.000	13333.710

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) *(Continued)*

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Line No.	Item (a)	Plant Name: *Welsh* (b)			Plant Name: **Flint Creek (1)* (c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam			Steam		
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler			Outdoor Boiler		
3	Year Originally Constructed	1977			1978		
4	Year Last Unit was Installed	1982			1978		
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	1114.00			279.00		
6	Net Peak Demand on Plant - MW (60 minutes)	1060			261		
7	Plant Hours Connected to Load	7809			6765		
8	Net Continuous Plant Capability (Megawatts)	1053			258		
9	When Not Limited by Condenser Water	0			0		
10	When Limited by Condenser Water	1053			258		
11	Average Number of Employees	126			90		
12	Net Generation, Exclusive of Plant Use - KWh	5582253000			1391373000		
13	Cost of Plant: Land and Land Rights	1895474			3364925		
14	Structures and Improvements	76094694			26679801		
15	Equipment Costs	787708601			325007416		
16	Asset Retirement Costs	19114678			9719253		
17	Total Cost	884813447			364771395		
18	Cost per KW of Installed Capacity (line 17/5) Including	794 2670			1307.4244		
19	Production Expenses: Oper, Supv, & Engr	4076630			1327488		
20	Fuel	136954984			27611006		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	4319394			1464942		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	2952715			741267		
26	Misc Steam (or Nuclear) Power Expenses	5415653			1417090		
27	Rents	55291			13781		
28	Allowances	140399			46849		
29	Maintenance Supervision and Engineering	598434			334565		
30	Maintenance of Structures	789765			942982		
31	Maintenance of Boiler (or reactor) Plant	5778478			3245360		
32	Maintenance of Electric Plant	3098031			596307		
33	Maintenance of Misc Steam (or Nuclear) Plant	863563			952608		
34	Total Production Expenses	165043337			38694245		
35	Expenses per Net KWh	0.0296			0.0278		
36	Fuel. Kind (Coal, Gas, Oil, or Nuclear)	COAL	OIL	COMPOSIT	COAL	OIL	COMPOSIT
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	TONS	BBLS		TONS	BBLS	
38	Quantity (Units) of Fuel Burned	3503690	19601	0	854068	6490	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	8608	140000	0	8774	140001	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	37.520	73.070	0.000	30.860	73.270	0.000
41	Average Cost of Fuel per Unit Burned	38.260	70.030	0.000	30.340	70.170	0.000
42	Average Cost of Fuel Burned per Million BTU	2.220	11.910	0.000	1 730	11.930	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.020	0.130	0.000	0.020	0.140	0.000
44	Average BTU per KWh Net Generation	10827 000	10775.000	10826.000	10796.000	12016.000	10799.000

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Southwestern Electric Power Company	(1) [X] An Original (2) [ ] A Resubmission	/ /	End of 2017/Q4

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) *(Continued)*

1. Report data for plant in Service only. 2. Large plants are steam plants with installed capacity (name plate rating) of 25,000 Kw or more. Report in this page gas-turbine and internal combustion plants of 10,000 Kw or more, and nuclear plants. 3. Indicate by a footnote any plant leased or operated as a joint facility. 4. If net peak demand for 60 minutes is not available, give data which is available, specifying period. 5. If any employees attend more than one plant, report on line 11 the approximate average number of employees assignable to each plant. 6. If gas is used and purchased on a therm basis report the Btu content or the gas and the quantity of fuel burned converted to Mct. 7. Quantities of fuel burned (Line 38) and average cost per unit of fuel burned (Line 41) must be consistent with charges to expense accounts 501 and 547 (Line 42) as show on Line 20 8 If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.

Line No.	Item (a)	Plant Name: *Turk (4)* (b)	Plant Name: (c)
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam	
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler	
3	Year Originally Constructed	2012	
4	Year Last Unit was Installed	2012	
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	523.60	0.00
6	Net Peak Demand on Plant - MW (60 minutes)	476	0
7	Plant Hours Connected to Load	8331	0
8	Net Continuous Plant Capability (Megawatts)	477	0
9	When Not Limited by Condenser Water	0	0
10	When Limited by Condenser Water	477	0
11	Average Number of Employees	112	0
12	Net Generation, Exclusive of Plant Use - KWh	3320945000	0
13	Cost of Plant: Land and Land Rights	13355616	0
14	Structures and Improvements	284833098	0
15	Equipment Costs	1358252958	0
16	Asset Retirement Costs	2179313	0
17	Total Cost	1658620985	0
18	Cost per KW of Installed Capacity (line 17/5) Including	3167.7253	0
19	Production Expenses: Oper, Supv, & Engr	3332160	0
20	Fuel	67771159	0
21	Coolants and Water (Nuclear Plants Only)	0	0
22	Steam Expenses	3929946	0
23	Steam From Other Sources	0	0
24	Steam Transferred (Cr)	0	0
25	Electric Expenses	651779	0
26	Misc Steam (or Nuclear) Power Expenses	1886335	0
27	Rents	32894	0
28	Allowances	11371	0
29	Maintenance Supervision and Engineering	1658284	0
30	Maintenance of Structures	2014229	0
31	Maintenance of Boiler (or reactor) Plant	4905373	0
32	Maintenance of Electric Plant	941554	0
33	Maintenance of Misc Steam (or Nuclear) Plant	2124580	0
34	Total Production Expenses	89259664	0
35	Expenses per Net KWh	0.0269	0.0000
36	Fuel, Kind (Coal, Gas, Oil, or Nuclear)	COAL / GAS / COMPOSIT	
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	TONS / MCF	
38	Quantity (Units) of Fuel Burned	1696336 / 32524 / 0	0 / 0 / 0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	8892 / 1039 / 0	0 / 0 / 0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	36.040 / 4.160 / 0.000	0.000 / 0.000 / 0.000
41	Average Cost of Fuel per Unit Burned	37.000 / 4.160 / 0.000	0.000 / 0.000 / 0.000
42	Average Cost of Fuel Burned per Million BTU	2.080 / 4.010 / 0 000	0 000 / 0.000 / 0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.020 / 0.040 / 0.000	0.000 / 0.000 / 0.000
44	Average BTU per KWh Net Generation	9094.000 / 9124.000 / 9094 000	0.000 / 0.000 / 0.000

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) *(Continued)*

9 Items under Cost of Plant are based on U. S. of A. Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses 10 For IC and GT plants, report Operating Expenses, Account Nos. 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos. 553 and 554 on Line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost, and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant.

Plant Name: *Knox Lee* (d)			Plant Name: *Lone Star* (e)			Plant Name: *Wilkes* (f)			Line No.
Steam			Steam			Steam			1
Outdoor Boiler			Outdoor Boiler			Outdoor Boiler			2
1950			1954			1964			3
1974			1954			1971			4
499 50			50.00			881.52			5
364			48			701			6
395			56			6424			7
469			50			875			8
0			0			0			9
469			50			875			10
30			0			34			11
51891000			1131000			434630000			12
102781			58487			443729			13
8070905			934757			7775584			14
62570416			7813101			102310756			15
2036608			123592			2122856			16
72780710			8929937			112652925			17
145.7071			178.5987			127 7940			18
627266			30342			754150			19
2060589			57216			17519296			20
0			0			0			21
1452831			11753			1062278			22
0			0			0			23
0			0			0			24
65801			9870			764252			25
504602			33627			562248			26
514			11			4305			27
1510			102			9818			28
216673			6607			331365			29
302073			9590			263192			30
1282393			67113			1824177			31
2022774			-56421			1797138			32
93236			5408			99516			33
8630262			175218			24991735			34
0 1663			0.1549			0.0575			35
GAS	OIL	COMPOSITE	GAS			GAS	OIL	COMPOSITE	36
MCF	BBLS		MCF			MCF	BBLS		37
628546	0	0	16084	0	0	5084301	0	0	38
1020	0	0	1045	0	0	1034	0	0	39
3.240	0.000	0.000	3.550	0.000	0.000	3.430	0.000	0.000	40
3.240	0.000	0 000	3 550	0 000	0.000	3 430	0 000	0.000	41
3 170	0 000	0 000	3.400	0 000	0.000	3.320	0.000	0.000	42
0.040	0.000	0.000	0.050	0.000	0.000	0.040	0 000	0.000	43
12356.000	0.000	12356.000	14864 000	0 000	0 000	12097 000	0 000	12097 000	44

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) *(Continued)*

9. Items under Cost of Plant are based on U. S. of A. Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses 10 For IC and GT plants, report Operating Expenses, Account Nos. 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos. 553 and 554 on Line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant.

Plant Name: *Pirkey (2)* (d)			Plant Name. *Dolet Hills (3)* (e)			Plant Name *Harry D Mattison* (f)			Line No
Steam			Steam			Gas Turbine			1
Outdoor Boiler			Outdoor Boiler			No Boiler			2
1985			1986			2007			3
1985			1986			2007			4
619.38			289 99			340.00			5
593			266			322			6
6986			4544			314			7
580			257			284			8
0			0			0			9
580			257			284			10
108			0			5			11
3691377000			795019000			49644000			12
5843029			1510615			1451852			13
108542725			56035005			34886948			14
454752891			283015539			93713141			15
20646276			2529657			0			16
589784921			343090816			130051941			17
952.2182			1183 1126			382.5057			18
3864191			651621			143693			19
126144369			34779021			19146831			20
0			0			0			21
6034967			2217759			0			22
0			0			0			23
0			0			0			24
998299			527437			177175			25
2242273			3731794			0			26
36563			7875			0			27
86845			17911			917			28
1353805			630976			19392			29
420644			753947			0			30
8652323			7877038			0			31
1226189			530871			816243			32
1535049			1071040			0			33
152595517			52797290			20304251			34
0.0413			0.0664			0.4090			35
LIGNITE	GAS	COMPOSITE	LIGNITE	GAS	COMPOSITE	GAS			36
TONS	MCF		TONS	MCF		MCF			37
3089479	96605	0	659596	90766	0	583018	0	0	38
6237	1010	0	6934	1044	0	1045	0	0	39
39.090	3.330	0 000	76.770	3.750	0.000	32.840	0.000	0.000	40
39 570	3.330	0.000	51 870	3 750	0 000	32 840	0.000	0.000	41
3 170	3.300	0 000	3.740	3.590	0 000	31.410	0.000	0.000	42
0.030	0.040	0.000	0.040	0.090	0.000	0 390	0.000	0.000	43
10465 000	10709 000	10466.000	11558.000	26115 000	11625 000	12278 000	0 000	0.000	44

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)

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Line No.	Item (a)	Plant Name *Arsenal Hill* (b)			Plant Name: *Lieberman* (c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam			Steam		
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler			Outdoor Boiler		
3	Year Originally Constructed	1960			1947		
4	Year Last Unit was Installed	2010			1959		
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	738.00			277.27		
6	Net Peak Demand on Plant - MW (60 minutes)	599			194		
7	Plant Hours Connected to Load	7745			890		
8	Net Continuous Plant Capability (Megawatts)	0			0		
9	When Not Limited by Condenser Water	0			0		
10	When Limited by Condenser Water	621			242		
11	Average Number of Employees	26			26		
12	Net Generation, Exclusive of Plant Use - KWh	3590127000			56817000		
13	Cost of Plant: Land and Land Rights	370798			24026		
14	Structures and Improvements	58822187			3804154		
15	Equipment Costs	398258031			33704366		
16	Asset Retirement Costs	507714			1263344		
17	Total Cost	457958730			38795890		
18	Cost per KW of Installed Capacity (line 17/5) Including	620.5403			139.9210		
19	Production Expenses: Oper, Supv, & Engr	2459247			286502		
20	Fuel	74431564			2164578		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	199184			186226		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	1932758			546519		
26	Misc Steam (or Nuclear) Power Expenses	1235714			1403642		
27	Rents	103145			1632		
28	Allowances	1737			145		
29	Maintenance Supervision and Engineering	513462			234880		
30	Maintenance of Structures	1294674			334820		
31	Maintenance of Boiler (or reactor) Plant	3773416			1236294		
32	Maintenance of Electric Plant	2000045			227462		
33	Maintenance of Misc Steam (or Nuclear) Plant	544880			41149		
34	Total Production Expenses	88489826			6663849		
35	Expenses per Net KWh	0.0246			0 1173		
36	Fuel. Kind (Coal, Gas, Oil, or Nuclear)	GAS			GAS	OIL	
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	MCF			MCF	BBLS	
38	Quantity (Units) of Fuel Burned	25001429	0	0	599174	0	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	1032	0	0	1027	0	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	2.970	0.000	0.000	3.610	0.000	0.000
41	Average Cost of Fuel per Unit Burned	2.970	0.000	0 000	3 610	0.000	0.000
42	Average Cost of Fuel Burned per Million BTU	2.880	0.000	0.000	3.510	0.000	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.020	0.000	0.000	0.040	0.000	0.000
44	Average BTU per KWh Net Generation	7183 000	0.000	0 000	10831.000	0.000	0.000

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) *(Continued)*

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Line No	Item (a)	Plant Name: *Welsh* (b)			Plant Name. **Flint Creek (1)* (c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam			Steam		
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler			Outdoor Boiler		
3	Year Originally Constructed	1977			1978		
4	Year Last Unit was Installed	1982			1978		
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	1114 00			279 00		
6	Net Peak Demand on Plant - MW (60 minutes)	1068			258		
7	Plant Hours Connected to Load	5844			5017		
8	Net Continuous Plant Capability (Megawatts)	0			0		
9	When Not Limited by Condenser Water	0			0		
10	When Limited by Condenser Water	1053			258		
11	Average Number of Employees	132			91		
12	Net Generation, Exclusive of Plant Use - KWh	4489529000			1035145000		
13	Cost of Plant Land and Land Rights	1895474			3364925		
14	Structures and Improvements	75282031			25739191		
15	Equipment Costs	785720216			323596518		
16	Asset Retirement Costs	19114678			9719253		
17	Total Cost	882012399			362419887		
18	Cost per KW of Installed Capacity (line 17/5) Including	791.7526			1298.9960		
19	Production Expenses: Oper, Supv, & Engr	3348461			1003465		
20	Fuel	102746068			21377287		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	4304925			1304881		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	2903031			637341		
26	Misc Steam (or Nuclear) Power Expenses	5829455			615846		
27	Rents	128985			29740		
28	Allowances	64565			44579		
29	Maintenance Supervision and Engineering	542287			296815		
30	Maintenance of Structures	1630765			1397771		
31	Maintenance of Boiler (or reactor) Plant	13017782			4304380		
32	Maintenance of Electric Plant	5061199			1526066		
33	Maintenance of Misc Steam (or Nuclear) Plant	1571578			898863		
34	Total Production Expenses	141149101			33437034		
35	Expenses per Net KWh	0.0314			0 0323		
36	Fuel. Kind (Coal, Gas, Oil, or Nuclear)	COAL	OIL	COMPOSIT	COAL	OIL	COMPOSIT
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	TONS	BBLS		TONS	BBLS	
38	Quantity (Units) of Fuel Burned	2830193	26691	0	631660	6559	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	8136	140000	0	8726	139998	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	36.680	70.290	0.000	30.850	75.160	0.000
41	Average Cost of Fuel per Unit Burned	35.150	68 090	0.000	30.980	78.120	0.000
42	Average Cost of Fuel Burned per Million BTU	2.160	11 580	0 000	1 780	13.290	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.020	0.120	0.000	0.020	0.170	0.000
44	Average BTU per KWh Net Generation	10291.000	10671.000	10292.000	10680.000	12653.000	10686.000

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) *(Continued)*

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Line No.	Item (a)	Plant Name *Turk (4)* (b)			Plant Name: (c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam					
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler					
3	Year Originally Constructed	2012					
4	Year Last Unit was Installed	2012					
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	523 60			0 00		
6	Net Peak Demand on Plant - MW (60 minutes)	482			0		
7	Plant Hours Connected to Load	7875			0		
8	Net Continuous Plant Capability (Megawatts)	0			0		
9	When Not Limited by Condenser Water	0			0		
10	When Limited by Condenser Water	477			0		
11	Average Number of Employees	112			0		
12	Net Generation, Exclusive of Plant Use - KWh	2808815000			0		
13	Cost of Plant. Land and Land Rights	13355616			0		
14	Structures and Improvements	284564421			0		
15	Equipment Costs	1357238169			0		
16	Asset Retirement Costs	2179313			0		
17	Total Cost	1657337519			0		
18	Cost per KW of Installed Capacity (line 17/5) Including	3165.2741			0		
19	Production Expenses Oper, Supv, & Engr	2911901			0		
20	Fuel	60960301			0		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	4252351			0		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	711458			0		
26	Misc Steam (or Nuclear) Power Expenses	1866370			0		
27	Rents	80698			0		
28	Allowances	7816			0		
29	Maintenance Supervision and Engineering	1918598			0		
30	Maintenance of Structures	1224476			0		
31	Maintenance of Boiler (or reactor) Plant	5934210			0		
32	Maintenance of Electric Plant	1072258			0		
33	Maintenance of Misc Steam (or Nuclear) Plant	1782948			0		
34	Total Production Expenses	82723385			0		
35	Expenses per Net KWh	0.0295			0.0000		
36	Fuel. Kind (Coal, Gas, Oil, or Nuclear)	COAL	GAS	COMPOSIT			
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	TONS	MCF				
38	Quantity (Units) of Fuel Burned	1418971	65656	0	0	0	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	9062	1038	0	0	0	0
40	Avg Cost of Fuel/unit, as Delvd f o.b. during year	39.780	3.100	0.000	0.000	0.000	0.000
41	Average Cost of Fuel per Unit Burned	39.870	3.100	0 000	0 000	0.000	0.000
42	Average Cost of Fuel Burned per Million BTU	2.200	2.990	0.000	0 000	0.000	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.020	0.030	0.000	0 000	0.000	0.000
44	Average BTU per KWh Net Generation	9180 000	9286.000	9180.000	0.000	0.000	0.000

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Southwestern Electric Power Company	(1) [X] An Original (2) [ ] A Resubmission	/ /	End of 2016/Q4

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) *(Continued)*

9 Items under Cost of Plant are based on U. S. of A. Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses. 10 For IC and GT plants, report Operating Expenses, Account Nos 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos. 553 and 554 on Line 32, "Maintenance of Electric Plant " Indicate plants designed for peak load service Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant.

Plant Name: *Knox Lee* (d)	Plant Name: *Lone Star* (e)	Plant Name: *Wilkes* (f)	Line No.
Steam	Steam	Steam	1
Outdoor Boiler	Outdoor Boiler	Outdoor Boiler	2
1950	1954	1964	3
1974	1954	1971	4
499.50	50 00	881.52	5
370	49	524	6
1152	494	7453	7
0	0	0	8
0	0	0	9
469	50	875	10
29	0	34	11
136800000	8530000	576485000	12
102781	58487	443729	13
7893414	929624	7585358	14
60277046	7723184	95940234	15
2036608	123592	2122856	16
70309849	8834887	106092177	17
140.7605	176.6977	120.3514	18
658251	64825	1049195	19
5166715	429264	20259587	20
0	0	0	21
1615311	167030	980040	22
0	0	0	23
0	0	0	24
65897	43362	530802	25
546600	85084	550282	26
3930	332	16562	27
3850	12	5955	28
220496	2881	315202	29
478004	99217	218257	30
1678646	96539	3102940	31
525521	214577	1475037	32
91519	5579	113094	33
11054740	1208702	28616953	34
0.0808	0.1417	0 0496	35

GAS	OIL		GAS			GAS	OIL	COMPOSIT	36
MCF	BBLS		MCF			MCF	BBLS		37
1673254	0	0	120990	0	0	6566582	232	0	38
1025	0	0	1055	0	0	1037	140000	0	39
3 080	0.000	0.000	3.540	0.000	0.000	3.070	74.270	0.000	40
3 080	0.000	0.000	3.540	0.000	0 000	3 070	74.270	0.000	41
3 010	0.000	0.000	3 360	0.000	0 000	2.960	12 640	0.000	42
0.040	0.000	0.000	0.050	0.000	0.000	0.040	0.150	0.000	43
12532 000	0.000	0.000	14970 000	0.000	0 000	11813 000	11741 000	11813.000	44

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) *(Continued)*

9. Items under Cost of Plant are based on U. S of A. Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses 10. For IC and GT plants, report Operating Expenses, Account Nos. 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos. 553 and 554 on Line 32, "Maintenance of Electric Plant " Indicate plants designed for peak load service. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost, and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant.

Plant Name: *Pirkey (2)* (d)	Plant Name: *Dolet Hills (3)* (e)	Plant Name: *Harry D Mattison* (f)	Line No.
Steam	Steam	Gas Turbine	1
Outdoor Boiler	Outdoor Boiler	No Boiler	2
1985	1986	2007	3
1985	1986	2007	4
619.38	289 99	340.00	5
602	268	316	6
8069	7077	517	7
0	0	0	8
0	0	0	9
580	257	284	10
108	0	5	11
4373477000	1389838000	117271000	12
5843029	1510615	1451852	13
108246135	55632386	34884391	14
451678805	275176048	93503601	15
20646276	2529657	0	16
586414245	334848706	129839844	17
946.7762	1154.6905	381.8819	18
4163443	974773	84448	19
154848540	68129085	15106163	20
0	0	0	21
6571537	3032197	0	22
0	0	0	23
0	0	0	24
1412843	720950	214612	25
2381478	3757649	-56	26
125650	39930	0	27
54346	17224	724	28
1413370	696858	42615	29
1171013	1052223	0	30
8769108	8143928	0	31
502209	235024	834810	32
1816348	967617	-597	33
183229885	87767458	16282719	34
0.0419	0.0631	0.1388	35

LIGNITE	GAS	COMPOSITE	LIGNITE	GAS	COMPOSITE	GAS			36
TONS	MCF		TONS	MCF		MCF			37
3640081	62729	0	1162143	69190	0	1385875	0	0	38
6286	1010	0	6790	1051	0	1027	0	0	39
41.250	2.540	0.000	57.830	3.110	0.000	10.900	0.000	0.000	40
41.790	2.540	0.000	57.920	3.110	0.000	10.900	0.000	0.000	41
3.320	2.520	0.000	4.270	2.960	0 000	10.610	0 000	0.000	42
0.030	0.030	0.000	0.050	0.030	0.000	0.130	0.000	0.000	43
10478.000	10569.000	10478 000	11408.000	11192.000	11407.000	12135.000	0.000	0.000	44